

The Quality Report for RT-qPCR Kit for the Molecular Testing of EPA1615

Prepared Exclusively For

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*EMSL order number (611500092) was issued for this project.
The work was completed at EMSL Analytical, Inc's PCR
Laboratory at Cinnaminson, New Jersey.*

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Report Summary:

1. All reagents for the project were provided by EPA except plastic supplies and lab cleaning reagent-RNaseZap. The reagent components were analyzed for quality control purpose. All reagents passed the QC tests using RT-qPCR. The qPCR run report designated as **Components QC Run Report** is attached.
2. Following the Statement of Work provided by the EPA, the RT-qPCR reagents were prepared and loaded into 96-well plates as follow:
 - 2.1. RT-1 plates: 3 Plates
 - 2.2. RT-2 tubes: 6 tubes
 - 2.3. Hepatitis G qPCR Plates: 3 plates
 - 2.4. Enterovirus qPCR Plates: 2 plates
 - 2.5. Norovirus GIB qPCR plates: 2 plates
 - 2.6. Norovirus GII qPCR plates: 2 plates
3. The release quality control analysis was performed. The components of RT-qPCR were from the master mixes for this kit. The kit passed the QC for releasing. The **QC Release Run Report** is attached.
4. All unused reagents and the components for the RT-qPCR kit were shipped to EPA lab using dry ice on 2/3/2015. A **list of shipping** is included.

Important Information, Terms, Conditions, and Limitations

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All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

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Signature:



Quanyi "Charlie" Li, Ph.D.
DNA laboratory Director
EMSL Analytical, Inc

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